



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Batakrishna MANDAL § Confirmation No.: 3294
Serial No.: 09/885,332 § Group Art Unit: 3662
Filed: June 20, 2001 § Examiner: UNKNOWN
For: Acoustic Logging Tool Having § Atty. Docket No.: 1391-24800
Quadrupole Source (as amended) § Client Ref. No.: 2000-IP-002325

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PRELIMINARY AMENDMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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Date: February 4, 2004

FEB 11 2004

Sir:

GROUP 3600

This amendment is filed with a substitute specification and a marked-up copy of the substitute specification showing the following amendments relative to the original specification.

Ang Telle
In the title, and throughout the specification, claims, and abstract, please amend the word "quadrupole" to read "quadrupole".

Please contact the undersigned with any questions or concerns regarding this amendment.

Respectfully submitted,



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